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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,258	02/26/2002	Andres M. Perez	SMQ-083	1765
959	7590	04/26/2005	EXAMINER	
LAHIVE & COCKFIELD, LLP. 28 STATE STREET BOSTON, MA 02109			BENGZON, GREG C	
		ART UNIT		PAPER NUMBER
				2144

DATE MAILED: 04/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.	Perez, Andres M.
Examiner	Art Unit
Greg Bengzon	2144

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

1) Responsive to communication(s) filed on 26 February 2002.  
2a) This action is FINAL.                    2b) This action is non-final.  
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

4) Claim(s) 1-28 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) Claim(s) \_\_\_\_\_ is/are allowed.  
6) Claim(s) 1-28 is/are rejected.  
7) Claim(s) \_\_\_\_\_ is/are objected to.  
8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

9) The specification is objected to by the Examiner.  
10) The drawing(s) filed on 26 February 2002 is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) All    b) Some \* c) None of:  
1. Certified copies of the priority documents have been received.  
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

1) Notice of References Cited (PTO-892)  
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.  
5) Notice of Informal Patent Application (PTO-152)  
6) Other: \_\_\_\_\_.

## **DETAILED ACTION**

This application has been examined. Claims 1- 28 are pending.

### ***Priority***

The effective date of the claims described in this application is February 26, 2002.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-28 are rejected under 35 U.S.C. 102(e) as being anticipated by Hemphill et al. (US Patent 6167448), hereinafter referred to as Hemphill.

Hemphill discloses the features of the invention as described in the Claims shown below.

1. In an electronic device interfaced with a network, a method, comprising the steps of: executing a program on the electronic device; (Figure 2, Column 1 Lines 35-50, Column 4 Lines 5-30) and dynamically (Column 5 Lines 40-60) registering a plug-in application with the program without ceasing the executing of the program, said plug-in application operating in conjunction with the program to provide enhanced functionality for the program. (Column 4 Lines 5-30)
2. The method of claim 1, wherein the step of dynamically registering comprises: providing a registration descriptor (Figure 3, Column 10 Lines 1-25) holding information regarding the plug-in application; and processing the registration descriptor to complete the registering of the plug-in application. (Column 13 Lines 40-60)
3. The method of claim 2, wherein the registration descriptor is a file. (Column 10 Lines 1-15, Column 14 Lines 35-40)
4. The method of claim 2, wherein the step of dynamically registering further comprises: storing the registration descriptor at a designated location to indicate that the registration descriptor is to be processed. (Column 8 Lines 35-30, Column 10 Lines 1-25, Column 11 Lines 30-35)

5. The method of claim 4, wherein the electronic device has access to a directory structure containing sub-directories and wherein the designated location is in a selected one of the sub-directories. (Column 8 Lines 30-40, Column 13 Lines 1-35)

6. The method of claim 1, wherein the electronic device is a computer system. (Column 4 Lines 5-30)

7. The method of claim 1, wherein the electronic device is a web server. (Column 4 Lines 5-30)

8. The method of claim 1, wherein the program has a client that interacts with the program via a web browser. (Column 4 Lines 65-68)

9. The method of claim 1 further comprising the step of statically registering additional plug-in applications the program upon initialization of the program. (Column 5 Lines 40-60, Column 6 Lines 5-15)

10. The method of claim 1, wherein the plug-in application provides dynamic web content. (Column 5 Lines 1-15)

11. In a server, a method, of comprising the steps of: providing information regarding an

application at a specified storage location; (Figure 2, Figure 3, Column 10 Lines 1-25) and in response to the information being at the specified storage location, registering the application for use in conjunction with a program on the server to provide additional functionality for the program. (Column 4 Lines 5-30)

12. The method of claim 11, wherein the step of registering the application includes processing the information regarding the application to perform the registering. (Column 13 Lines 40-60)

13. The method of claim 11, wherein the information regarding the application is encapsulated in a file. (Column 10 Lines 1-25, Column 14 Lines 35-40)

14. The method of claim 13, wherein the file is an extensible mark-up language (XML) file. (Column 9 Lines 10-25)

15. The method of claim 11, wherein a client accesses the server via a web browser to interact with the program. (Column 4 Lines 65-68)

16. The method of claim 11, wherein other applications are registered with the program. (Column 5 Lines 40-60, Column 6 Lines 5-15)

17. The method of claim 11, wherein the program is initialized to prepare the program for execution and wherein the registering is performed dynamically during execution of the program after the program has been initialized. (Column 5 Lines 40-60, Column 6 Lines 5-15)

18. The method of claim 11, wherein the program is initialized to prepare the program for execution and wherein the registering is performed during initialization of the program. (Column 5 Lines 40-60, Column 6 Lines 5-15)

19. In a distributed environment having a server and clients that access the server, a method, comprising the steps of: providing a management software package on the server for managing items in the distributed environment; (Figure 2, Column 1 Lines 35-50) providing a location wherein add-on programs may deposit information regarding the add-on programs to register with the management software package, (Figure 3, Column 10 Lines 1-25, Column 14 Lines 30-35) said add-on programs enhancing functionality of the management software package (Column 4 Lines 5-30); and processing the information at the location to register add-on programs that have deposited information at the location with the management software package so that the add-on programs that are registered may be executed in conjunction with the management software package. (Column 13 Lines 40-60)

20. A medium for use in an electronic device that is interfaced with a network, wherein a program is executing on the electronic device, said medium holding instructions for dynamically registering (Column 5 Lines 40-60, Column 6 Lines 5-15) a plug-in application with the program without ceasing the executing of the program, said plug-in application operating in conjunction with the program to provide enhanced functionality for the program. (Figure 2, Column 4 Lines 5-30)

21. The medium of claim 20, wherein the dynamic registering comprises providing a registration descriptor holding information regarding the plug-in application; and processing the registration descriptor to complete the registering of the plug-in application. (Figure 3, Column 10 Lines 1-25, Column 13 Lines 40-60)

22. The medium of claim 21, wherein the registration description is a file. (Column 10 Lines 1-25, Column 14 Lines 35-40)

23. The medium of claim 20, wherein the program has a client that interacts with the program via a web browser. (Column 4 Lines 65-68)

24. The medium of claim 20, wherein the method further comprises statically registering additional plug-in applications the program upon initialization of the program. (Column 5 Lines 40-60, Column 6 Lines 5-15)

25. The medium of claim 20, wherein the plug-in application provides dynamic web content. (Column 5 Lines 1-15)

26. A medium for use in a server where information regarding an application is provided at a specified storage location that is accessible by the server, (Figure 2, Column 4 Lines 5-30) said medium holding instructions for registering the application for use in conjunction with the program on the server to provide additional functionality for the program in response to information being at the specified storage location.

27. The medium of claim 26, wherein the program is initialized to prepare the program for execution and wherein the registering is performed dynamically during execution of the program after the program has been initialized. (Column 5 Lines 40-60, Column 6 Lines 5-15)

28. The medium of claim 26, wherein the program is initialized to prepare the program for execution and wherein the registering is performed during initialization of the program. (Column 5 Lines 40-60, Column 6 Lines 5-15)

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Please refer to the enclosed PTO-892 form.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Greg Bengzon whose telephone number is (571) 272-3944. The examiner can normally be reached on Mon. thru Fri. 8 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Cuchlinski can be reached on (571)272-3925. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

gcb



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